

WHAT IS CLAIMED IS:

- 1 1. A method to produce an interactive video presentation for a DVD player having playback
2 controls based upon a slide presentation, the method comprising:
3 receiving the slide presentation, wherein the slide presentation comprises a first slide and
4 a second slide, the first slide having a slide content at a location within the first
5 slide;
6 extracting the slide content;
7 associating the slide content with a first video frame at a position within the first video
8 frame based upon the location; and
9 linking the first video frame with a subsequent video frame to provide a path between the
10 video frames, navigable by user input via the playback controls, to create the
11 interactive video presentation.
- 1 2. The method of claim 1, further comprising combining the first video frame with a frame
2 of a video background.
- 1 3. The method of claim 2, wherein combining the first video frame comprises incorporating
2 instructions to repeat more than one combined frame.
- 1 4. The method of claim 2, wherein combining the first video frame with a frame of a video
2 background comprises combining the first video frame with a substantially seamless,
3 looping video background.
- 1 5. The method of claim 2, wherein combining the first video frame comprises inserting a
2 translucent image layer having a color tone between the slide content and the frame of the
3 video background.
- 1 6. The method of claim 1, further comprising associating an audio track with the first video
2 frame.
- 1 7. The method of claim 1, further comprising inserting an image for a navigation bar in the
2 first video frame.

- 1 8. The method of claim 1, further comprising generating a list of items, wherein the items
2 describe the video frames, and linking an item of the list with the first video frame.
- 1 9. The method of claim 1, wherein receiving the slide presentation comprises receiving a
2 PowerPoint file.
- 1 10. The method of claim 1, wherein extracting comprises extracting foreground images from
2 the slide.
- 1 11. The method of claim 1, wherein associating comprises invoking a video generator to
2 associate the slide content with a title layer of the first video frame.
- 1 12. The method of claim 1, wherein associating comprises locating the slide content within a
2 safe area of the first video frame.
- 1 13. The method of claim 1, wherein linking comprises associating the subsequent video
2 frame with a default selection for the user input, wherein the subsequent video frame
3 represents a subsequent content of the interactive video presentation with respect to the
4 first video frame, based upon the slide presentation.
- 1 14. The method of claim 1, wherein linking comprises determining a map of paths to
2 interconnect multiple video frames of the video presentation, based upon an
3 interconnections between slides of the slide presentation associated with contents of the
4 multiple video frames.

- 1 15. A system to produce an interactive video presentation for a player having playback
2 controls based upon a slide presentation, the system comprising:
3 an content extractor to extract slide content from a slide of the slide presentation;
4 a video generator coupled with the content extractor to produce a first video frame having
5 the slide content associated with a position within the first video frame based
6 upon the location from which the slide content is extracted from the slide; and
7 an authoring tool to link the first video frame with a subsequent video frame to provide a
8 path between the video frames, navigable by user input via the playback controls,
9 to create the interactive video presentation.
- 1 16. The system of claim 15, wherein the video generator comprises background circuitry to
2 associate a motion video clip with the first video frame to play the motion video clip as a
3 background on a display and the first video frame as a foreground on the display.
- 1 17. The system of claim 16, wherein the video generator comprises translucent layer
2 generator to incorporate an image layer having a color tone between the foreground and
3 the background, wherein a translucency of the image layer is adjusted to modify the
4 readability of text of the slide content.
- 1 18. The system of claim 16, wherein the video generator comprises navigation image inserter
2 to incorporate an image representing a navigation bar in the foreground.
- 1 19. The system of claim 16, wherein the authoring tool comprises instruction circuitry to
2 incorporate an instruction to repeat the motion video clip while displaying the first video
3 frame.
- 1 20. The system of claim 16, wherein the authoring tool comprises circuitry to loop the
2 motion video clip substantially seamlessly while displaying the first video frame.
- 1 21. The system of claim 15, wherein the video generator comprises audio association
2 circuitry to associate an audio clip with the first video frame to play the audio clip as the
3 first video frame is displayed.

- 1 22. The system of claim 21, wherein the authoring tool comprises audio selection circuitry to
2 incorporate the audio clip in an audio track and associate the audio track with the first
3 video frame in response to a preference, the preference being modifiable by the user via
4 the playback controls.
- 1 23. The system of claim 15, wherein the authoring tool comprises mapping circuitry to
2 determine a map of paths to interconnect multiple video frames of the video presentation,
3 based upon an interconnections between slides of the slide presentation associated with
4 contents of the multiple video frames.
- 1 24. The system of claim 15, wherein the authoring tool comprises mapping circuitry to
2 associate the subsequent video frame with a default selection for the playback controls,
3 wherein the subsequent video frame represents a subsequent content of the interactive
4 video presentation with respect to the first video frame, based upon the slide presentation.

- 1 25. A system to produce an interactive video presentation for a player having playback
2 controls based upon a slide presentation, the system comprising:
3 an content extractor to extract slide content from a slide of the slide presentation;
4 a video generator coupled with the content extractor to produce a first video frame based
5 upon the slide content, wherein the slide content is at a position within the first
6 video frame based upon the location from which the slide content is extracted
7 from the slide;
8 an authoring tool to link the first video frame with a subsequent video frame to provide a
9 path between the video frames, navigable by user input via the playback controls,
10 to create the interactive video presentation; and
11 a medium writer to store the interactive video presentation on a medium.
- 1 26. The system of claim 25, wherein the video generator comprises circuitry to insert the
2 slide content in title layers for the first video frame and other video frames of a video
3 clip.
- 1 27. The system of claim 26, wherein the authoring tool comprises circuitry write a control
2 file to cause the player to repeat the video clip.
- 1 28. The system of claim 25, wherein the video generator comprises circuitry to insert an
2 image of a navigation bar into the first video frame.

- 1 29. A machine-accessible medium having an interactive video presentation to interact with a
2 user via playback controls of a player, the machine-accessible medium comprising:
3 more than one video frames comprising slide content extracted from slides of a slide
4 presentation, wherein the slide content comprises images located at positions on a
5 title layer within the video frames, the positions being related to positions of
6 corresponding slide content within the slides; and
7 a control file comprising instructions to provide a map of paths to interconnect the more
8 than one video frames based upon interrelationships between the slides, the
9 control file being configured to provide instructions to the player to respond to
10 commands from the user via the playback controls of the player to navigate
11 through and display the more than one video frames.
- 1 30. The machine-accessible medium of claim 29, wherein the machine-readable medium
2 comprises a DVD video.
- 1 31. The machine-accessible medium of claim 29, wherein the more than one video frames are
2 associated with a video track to display a motion video clip via an alpha channel on a
3 display.
- 1 32. The machine-accessible medium of claim 29, wherein the control file comprises
2 instructions configured to provide a default navigation selection, the default navigation
3 selection being a subsequent video frame with respect to a current video frame being
4 displayed of the more than one video frames and based upon the map of paths.
- 1 33. The machine-accessible medium of claim 29, wherein the control file comprises
2 instructions configured to provide a selection of audio tracks to associate with a video
3 frame of the more than one video frames to display.

- 1 34. A machine-readable medium containing instructions, which when executed by a machine,
2 cause said machine to perform operations, comprising:
3 receiving the slide presentation, wherein the slide presentation comprises a first slide and
4 a second slide, the first slide having a slide content at a location within the first
5 slide;
6 extracting the slide content;
7 associating the slide content with a first video frame at a position within the first video
8 frame based upon the location; and
9 linking the first video frame with a subsequent video frame to provide a path between the
10 video frames, navigable by user input via the playback controls, to create an
11 interactive video presentation.
- 1 35. The machine-readable medium of claim 34, further comprising combining the first video
2 frame with a frame of a video background.
- 1 36. The machine-readable medium of claim 35, wherein combining the first video frame
2 comprises incorporating instructions to repeat more than one combined frame.
- 1 37. The machine-readable medium of claim 35, wherein combining the first video frame
2 comprises inserting a translucent image layer having a color tone between the slide
3 content and the frame of the video background.
- 1 38. The machine-readable medium of claim 34, further comprising associating an audio track
2 with the first video frame.
- 1 39. The machine-readable medium of claim 34, further comprising inserting an image for a
2 navigation bar in the first video frame.
- 1 40. The machine-readable medium of claim 34, further comprising generating a list of items,
2 wherein the items describe the video frames, and linking an item of the list with the first
3 video frame.

- 1 41. The machine-readable medium of claim 34, wherein receiving the slide presentation
2 comprises receiving a PowerPoint file.
- 1 42. The machine-readable medium of claim 34, wherein extracting comprises extracting
2 foreground images from the slide.
- 1 43. The machine-readable medium of claim 34, wherein associating comprises invoking a
2 video editor to associate the slide content with the first video frame.
- 1 44. The machine-readable medium of claim 34, wherein associating comprises locating the
2 slide content within a safe area of the first video frame.
- 1 45. The machine-readable medium of claim 34, wherein linking comprises associating the
2 subsequent video frame with a default selection for the user input, wherein the
3 subsequent video frame represents a subsequent content of the interactive video
4 presentation with respect to the first video frame, based upon the slide presentation.
- 1 46. The machine-readable medium of claim 34, wherein linking comprises determining a
2 map of paths to interconnect multiple video frames of the interactive video presentation,
3 based upon an interrelationship between slides of the slide presentation, wherein the
4 multiple video frames are associated with the slides via contents of the multiple video
5 frames.